

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): TERADA et al.	Atty. Dkt.: 02-106
Serial No.: Unknown	Group Art Unit:
Filed: Concurrently herewith	Examiner:
Title: COMMUTATOR HAVING SHORT-CIRCUITING PARTS, MOTOR HAVING SUCH A COMMUTATOR AND METHOD FOR MANUFACTURING SUCH A COMMUTATOR	

Commissioner for Patents
Arlington, VA 22202

Date: December 2, 2003

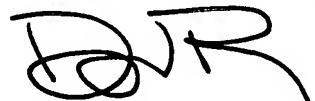
INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are being submitted for consideration by the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

The Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,



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FORM PTO-1449		ATTY. DKT NO.	02-106	SER. NO.
		APPLICANT	TERADA et al.	
		FILING DATE	December 2, 2003	GROUP

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		US 2001/0038252 A1 (Discussed on page 2 of the spec.)	Nov. 8, 2001	Yamamoto et al.		
		6,236,137 B1	May 22, 2001	Tanaka et al.		
		US 2002/0121831 A1	Sep. 5, 2002	Egawa et al.		

FOREIGN PATENT DOCUMENTS

TRANSLATION

		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO
		JP-A-11-187622 (Discussed in page 2 of the spec.)	7/9/99	JAPAN				X (Abstract)	
		JP-A-04-150755	5/25/92	JAPAN				X (Abstract)	

* Full English text of the JP Document will be available in machine-translated form from JP (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER	DATE CONSIDERED	